

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

STARRED QUESTION NO:289

ANSWERED ON:10.03.2006

UPGRADATION OF C- DOT

Patel Shri Kishanbhai Vestabhai;Singh Shri Sugrib

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) the total value of technology based products manufactured by the Centre for Development of Telematics (C-DoT) during each of the last three years;
- (b) whether some manufacturing units are facing closure;
- (c) if so, the reasons therefor;
- (d) whether lack of upgradation of C-DoT has affected its role as a premier R&D Centre; and
- (e) if so, the remedial steps taken to retain its position?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD)

(a) to (e): A statement is laid on the Table of the House.

STATEMENT TO BE LAID ON THE TABLE OF THE LOK SABHA IN RESPECT OF PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 289 FOR 10TH MARCH, 2006 REGARDING UPGRADATION OF C-DOT.

(a) C-DOT does not manufacture technology-based products on its own. C-DOT licenses its technology to various manufacturers. As per the available information, the value of C-DOT switching technology based products manufactured in the country during last three years is given below:

2002-03	Rs. 245 crores
2003-04	Rs. 147 crores
2004-05	Rs. 60 crores

(b) & (c) Indian manufacturers who were solely manufacturing fixed line switching technology faced lack of orders, as operators are moving from fixed line technologies to mobile networks.

(d) & (e) No, Sir. C-DOT has been upgrading its technologies regularly. Role of C-DOT as premier R&D center will not be affected as it is revamping itself by refocusing its activities to work on contemporary technologies required in the changing telecom scenario. It has taken various steps to develop state-of-art technologies such as:

- (i) Software intensive solutions like Network Management Systems.
- (ii) Systems required for strategic sectors
- (iii) Operation Support and Intelligent Network Systems
- (iv) Broadband Wireless Systems for rural applications
- (v) IP Based Next Generation Systems
- (vi) Optical Fibre Systems for high speed backbone

Some of the above technologies are already being deployed in the networks.

C-DOT is also working on strategic alliances with other organizations to pool mutual strengths.